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(57)Abstract:

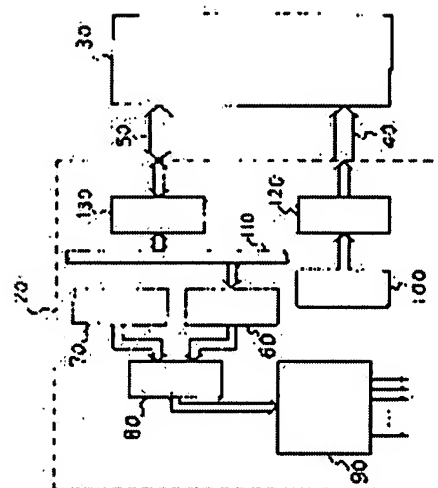
PURPOSE: To realize a function for converting the contents of a program memory written by an original code, to an intrinsic instruction code, easily and at a low cost, by using a mask register and an operating circuit.

CONSTITUTION: Contents of a program counter 100 are outputted to an address bus 40 and are supplied to a program memory 30. A data read from the program memory 30 is transferred to an instruction register 60.

Subsequently, an operation is executed by an operating circuit 80 by inputting the contents of this instruction register 60 and the contents of a mask register 70. An

output of the operating circuit 80 becomes an intrinsic instruction code of this microcomputer, that is to say, a regular code. It is inputted to an instruction decoder 90,

and becomes a basic signal for controlling an operation logical unit, an internal memory, etc.



LEGAL STATUS

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